

APPENDIX B: AMPLITUDE DATA at 30.3 GHz

These data are from azimuth and elevation scans at 1 and 4 meters transmter height, with and without leaves.

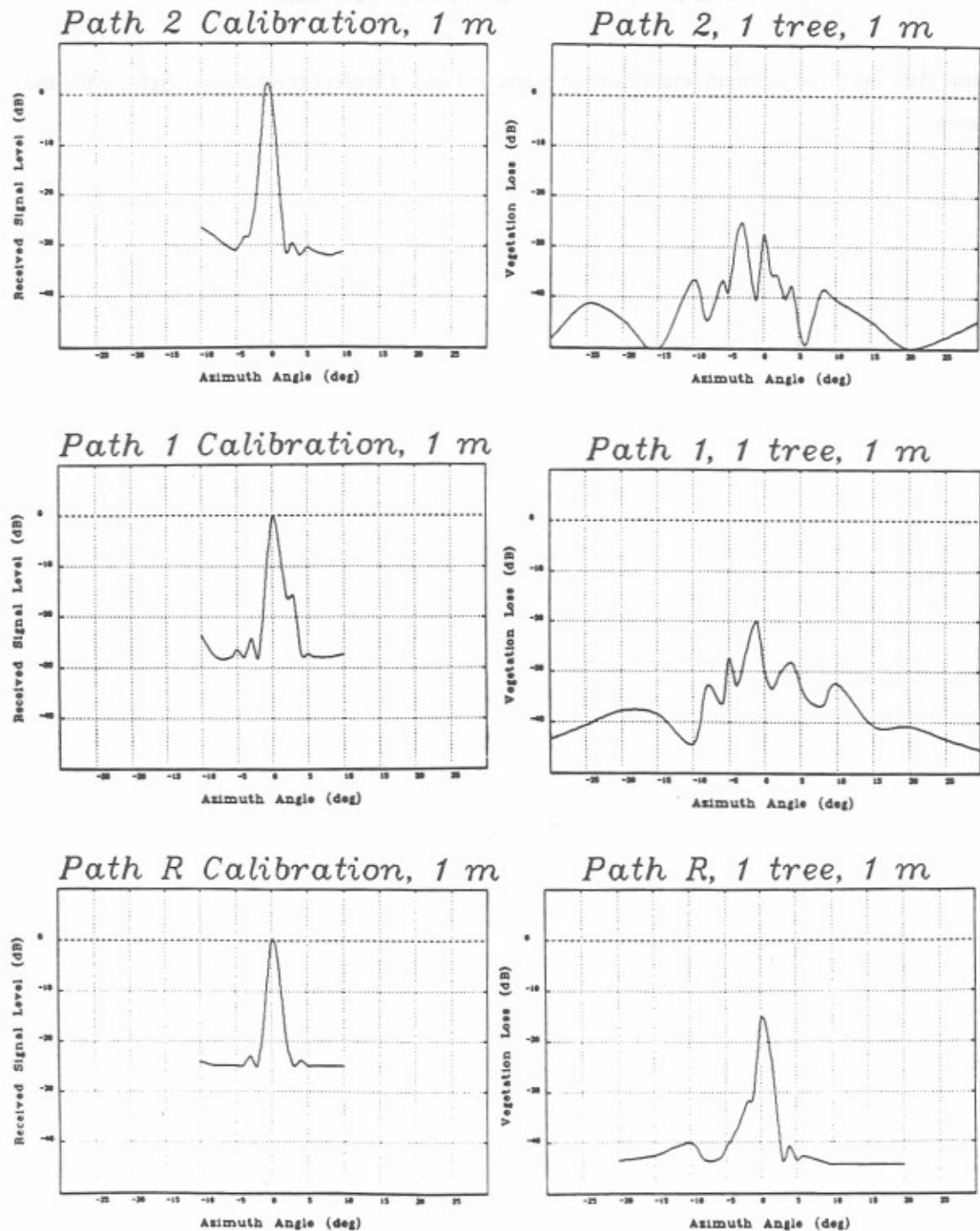
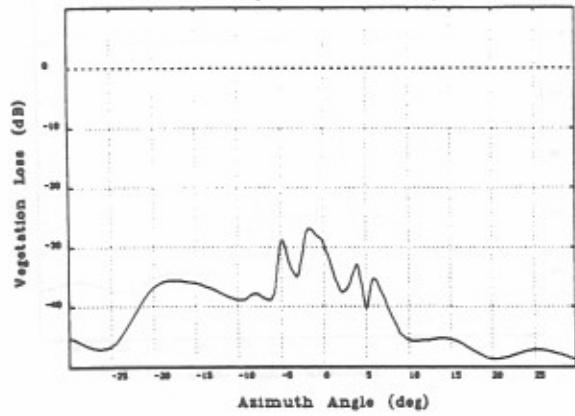
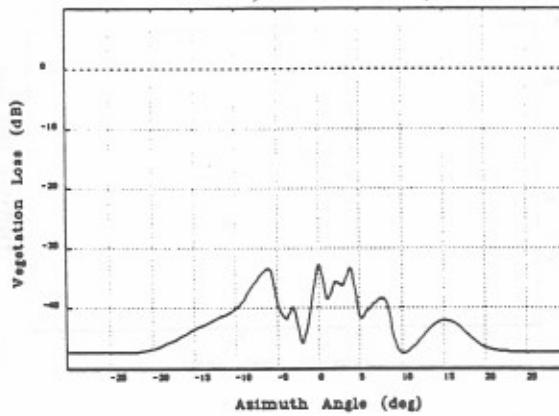


Figure B.1. Amplitude data (1 meter transmitter height) at 30.3 GHz as a function of azimuth angle (no leaves).

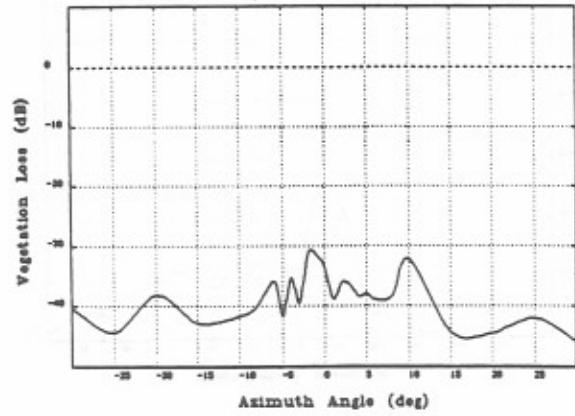
Path 2, 3 trees, 1 m



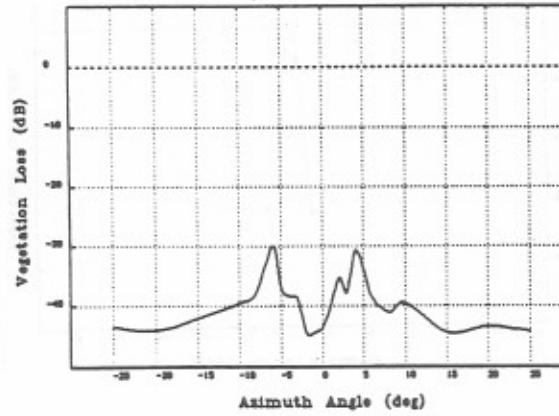
Path 2, 8 trees, 1 m



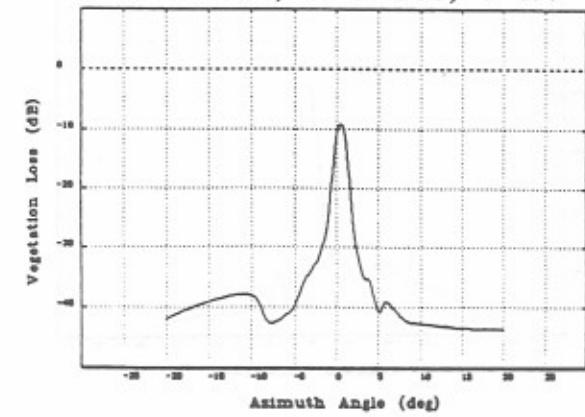
Path 1, 3 trees, 1 m



Path 1, 8 trees, 1 m



Path R, 3 trees, 1 m



Path R, 8 trees, 1 m

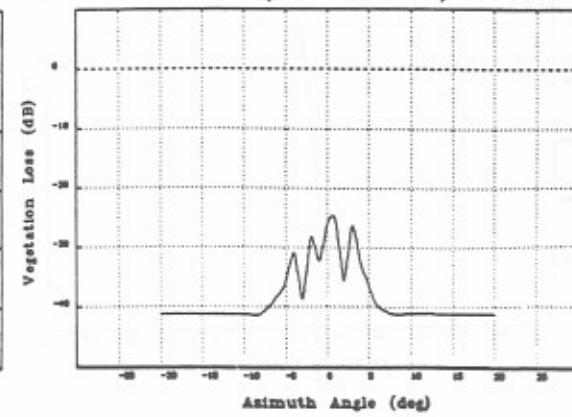


Figure B.1. (continued)

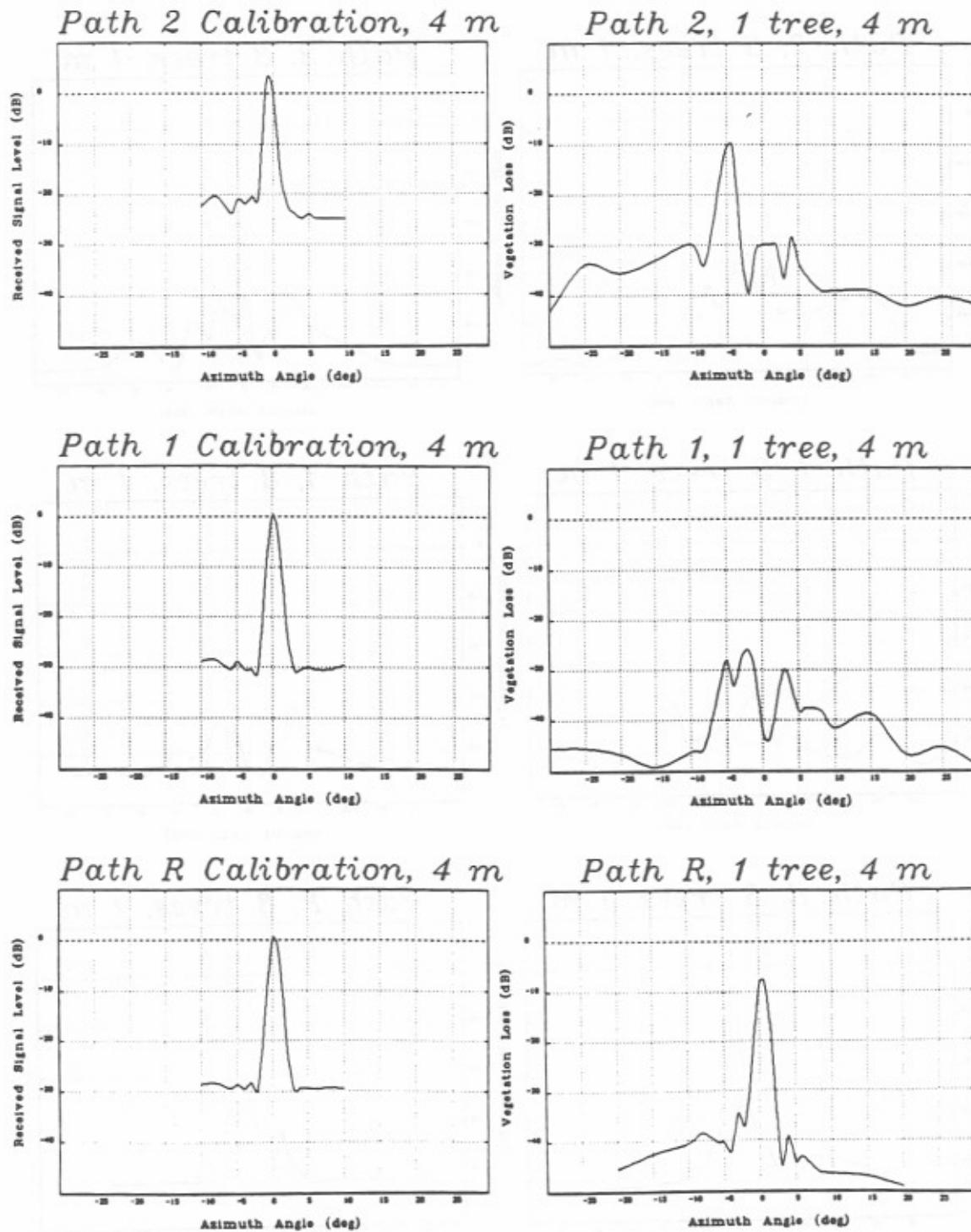
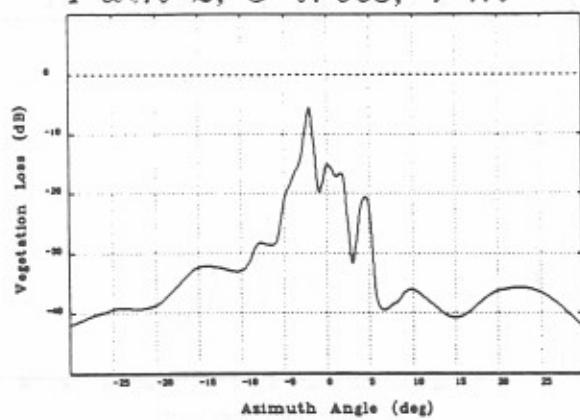
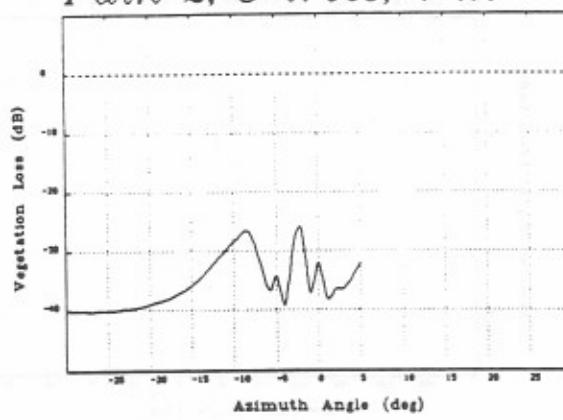


Figure B.2. Amplitude data (4 meter transmitter height) at 30.3 GHz as a function of azimuth angle (no leaves).

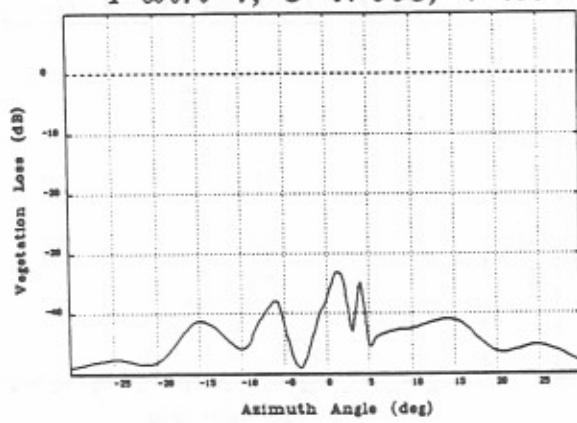
Path 2, 3 trees, 4 m



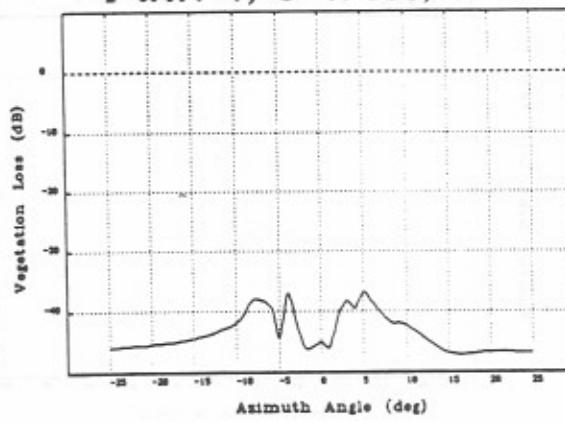
Path 2, 8 trees, 4 m



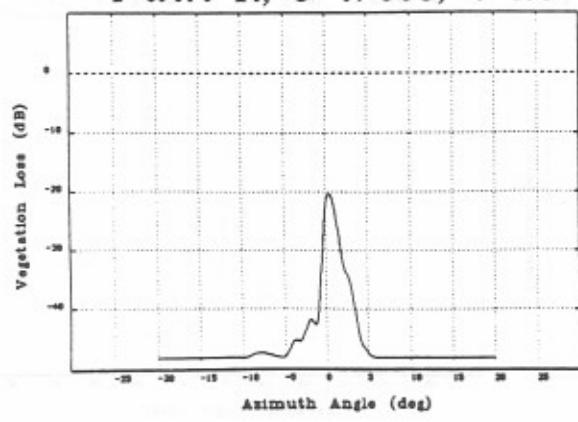
Path 1, 3 trees, 4 m



Path 1, 8 trees, 4 m



Path R, 3 trees, 4 m



Path R, 8 trees, 4 m

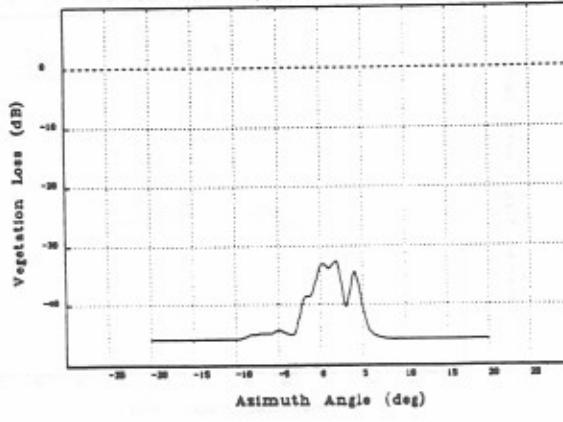


Figure B.2. (continued)

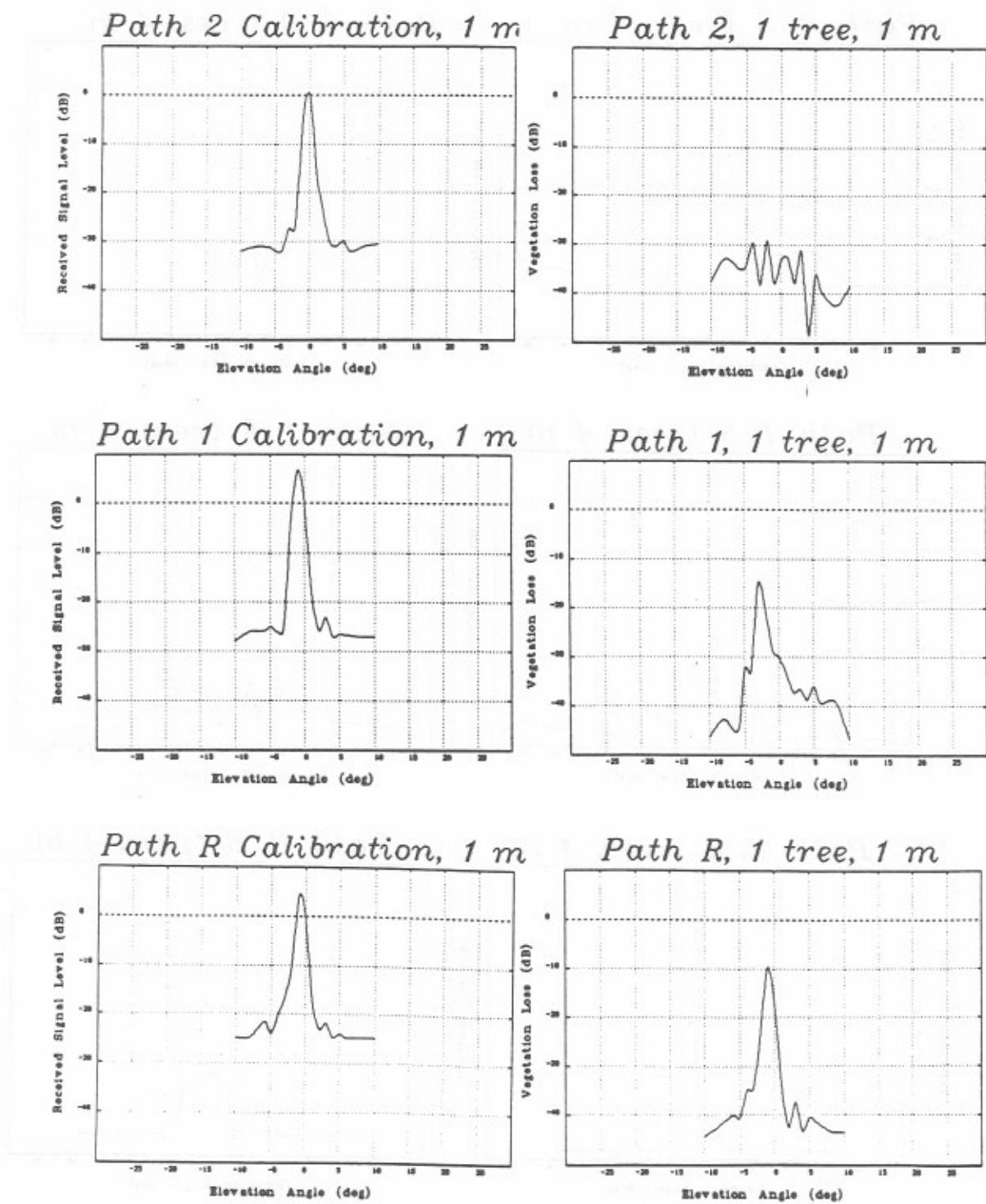


Figure B.3. Amplitude data (1 meter transmitter height) at 30.3 GHz as a function of elevation angle (no leaves).

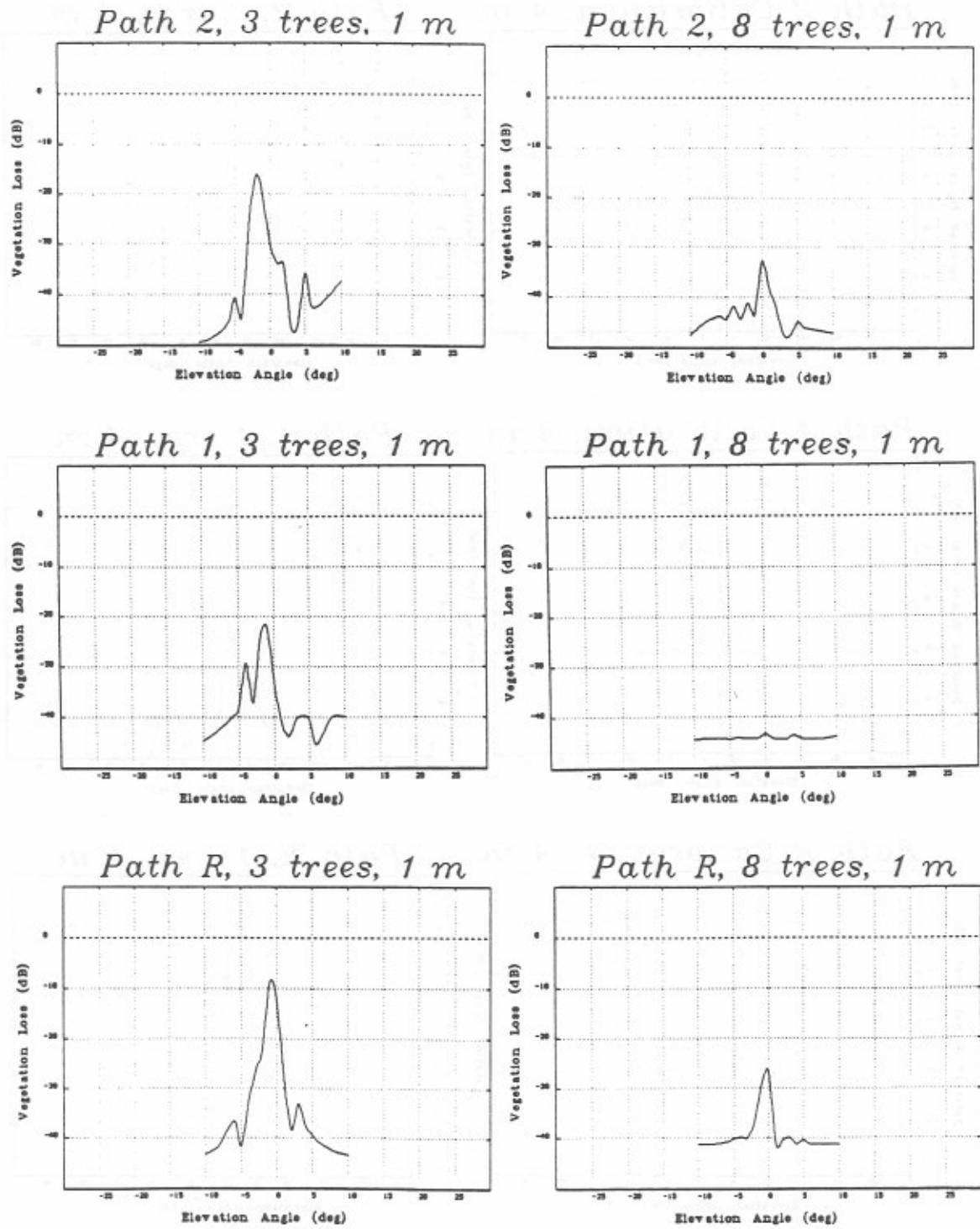
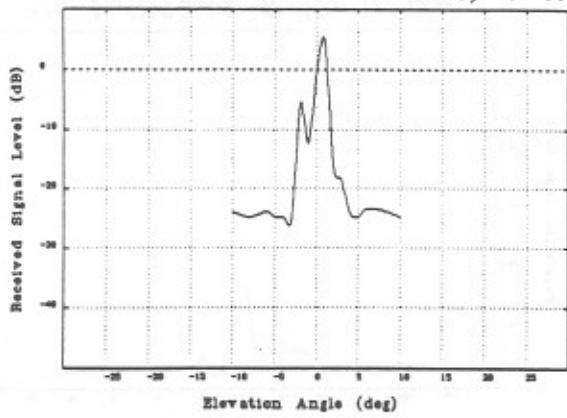
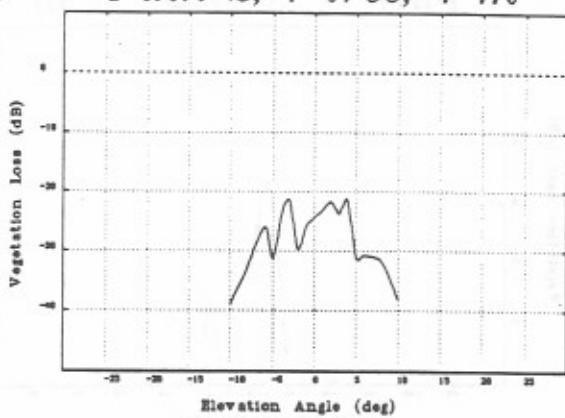


Figure B.3. (continued)

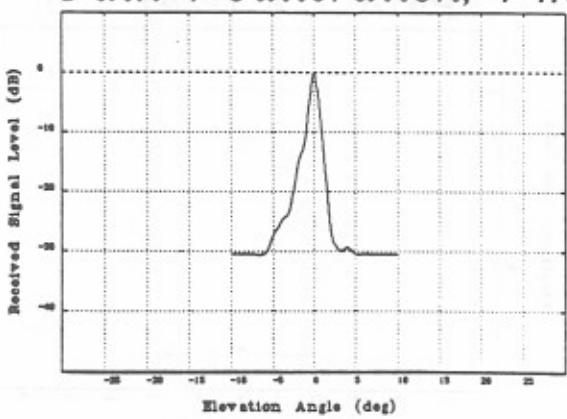
Path 2 Calibration, 4 m



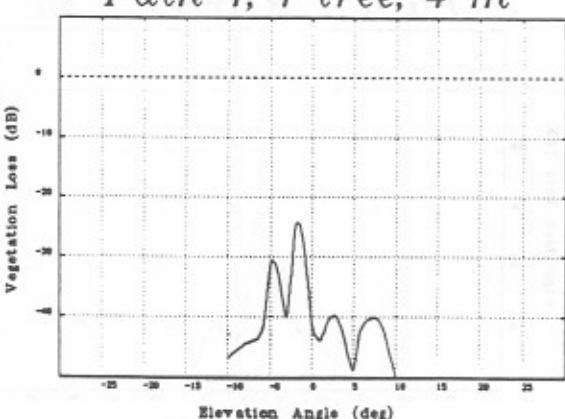
Path 2, 1 tree, 4 m



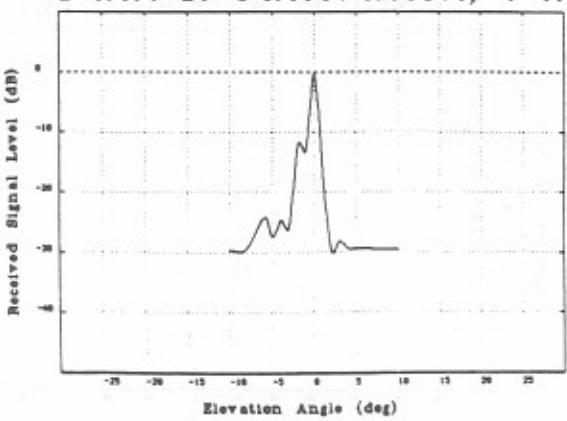
Path 1 Calibration, 4 m



Path 1, 1 tree, 4 m



Path R Calibration, 4 m



Path R, 1 tree, 4 m

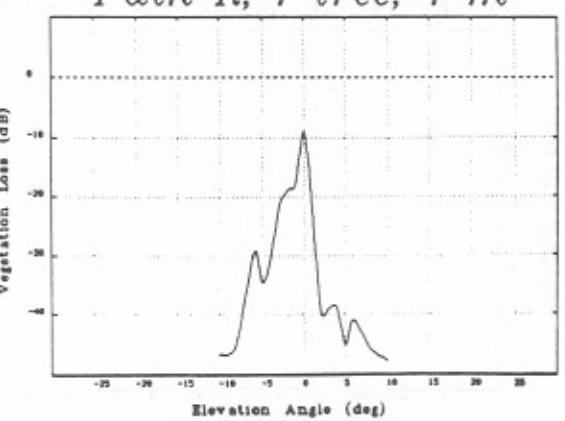


Figure B.4. Amplitude data (4 meter transmitter height) at 30.3 GHz as a function of elevation angle (no leaves).

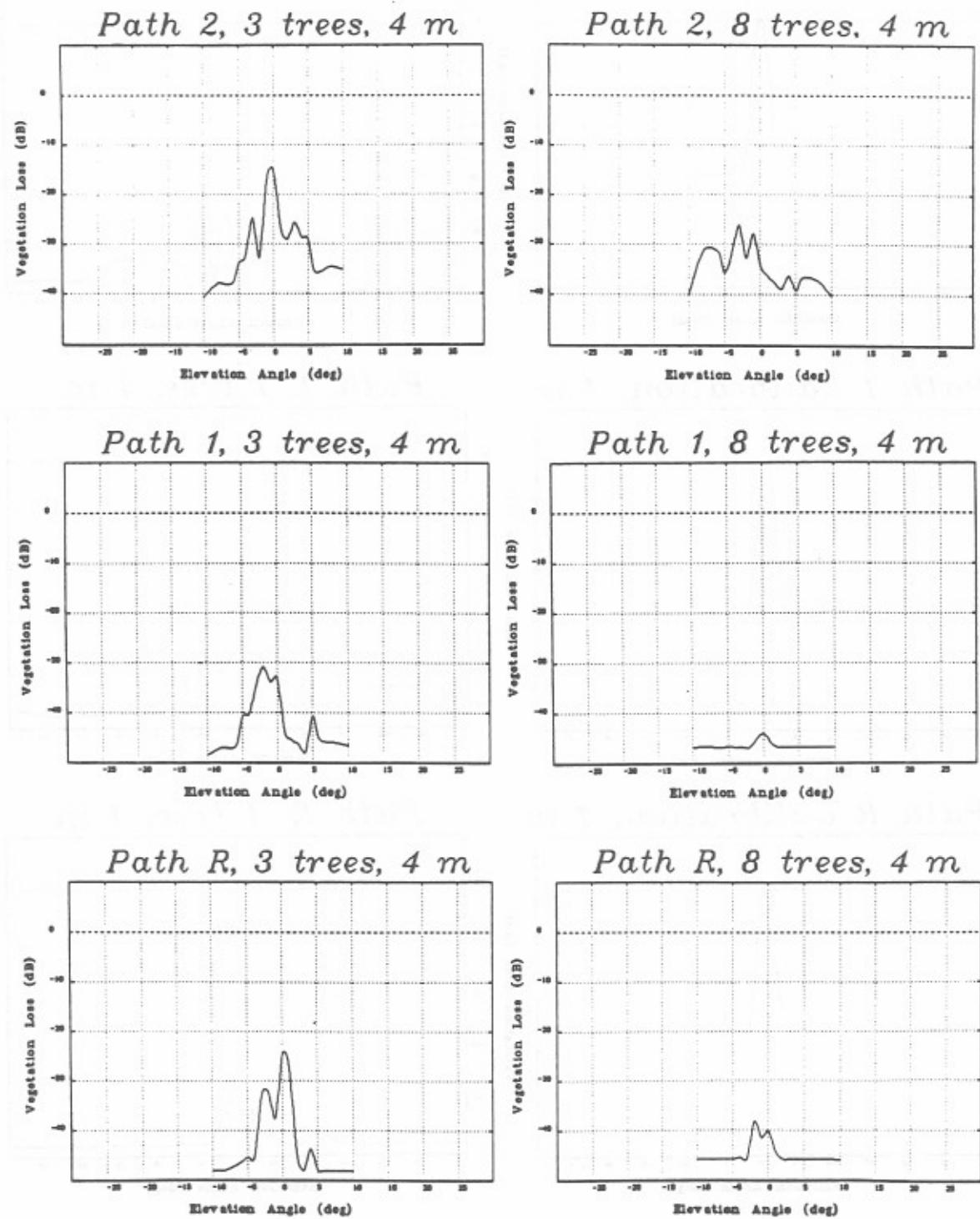


Figure B.4. (continued)

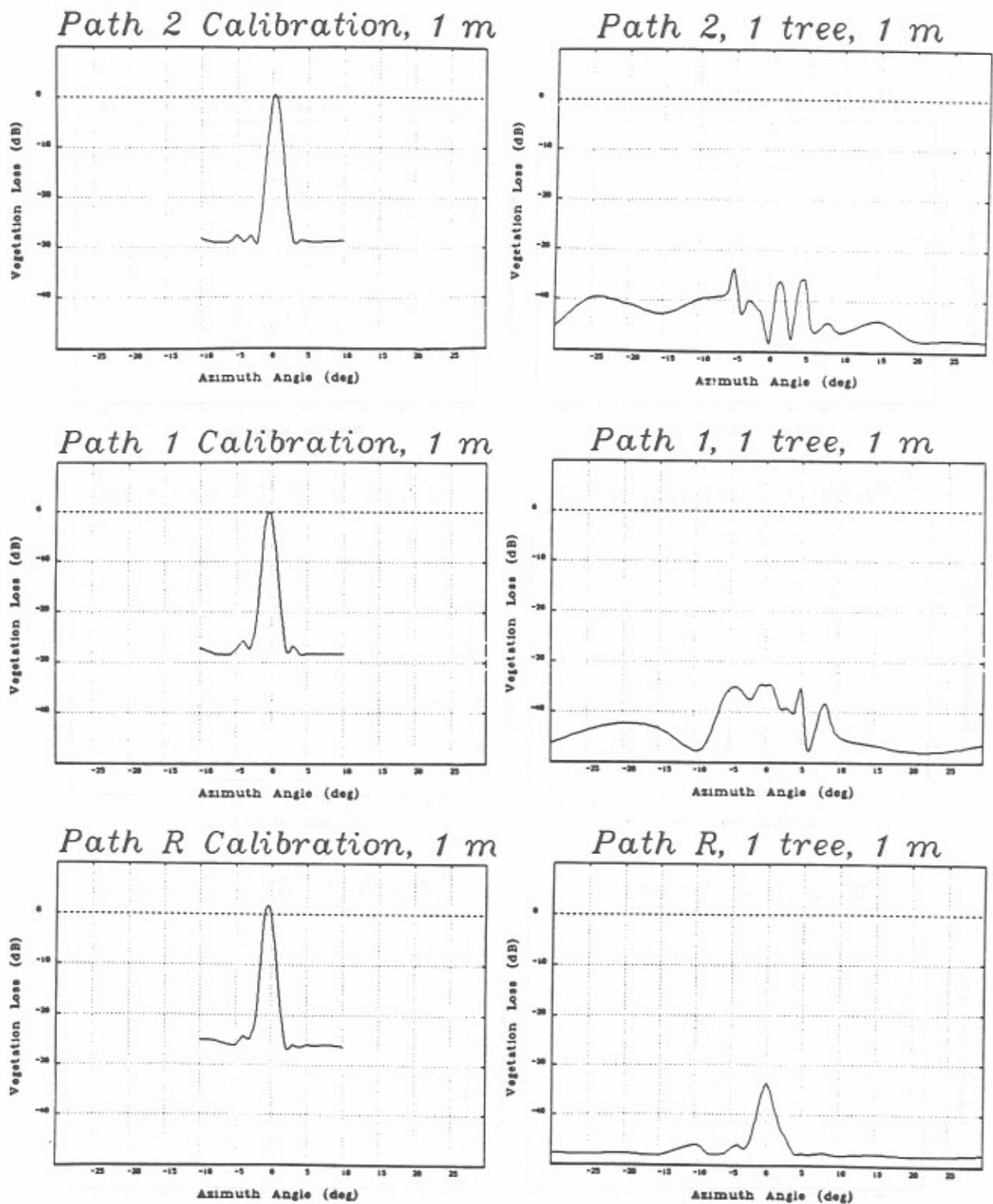


Figure B.5. Amplitude data (1 meter transmitter height) at 30.3 GHz as a function of azimuth angle (with leaves).

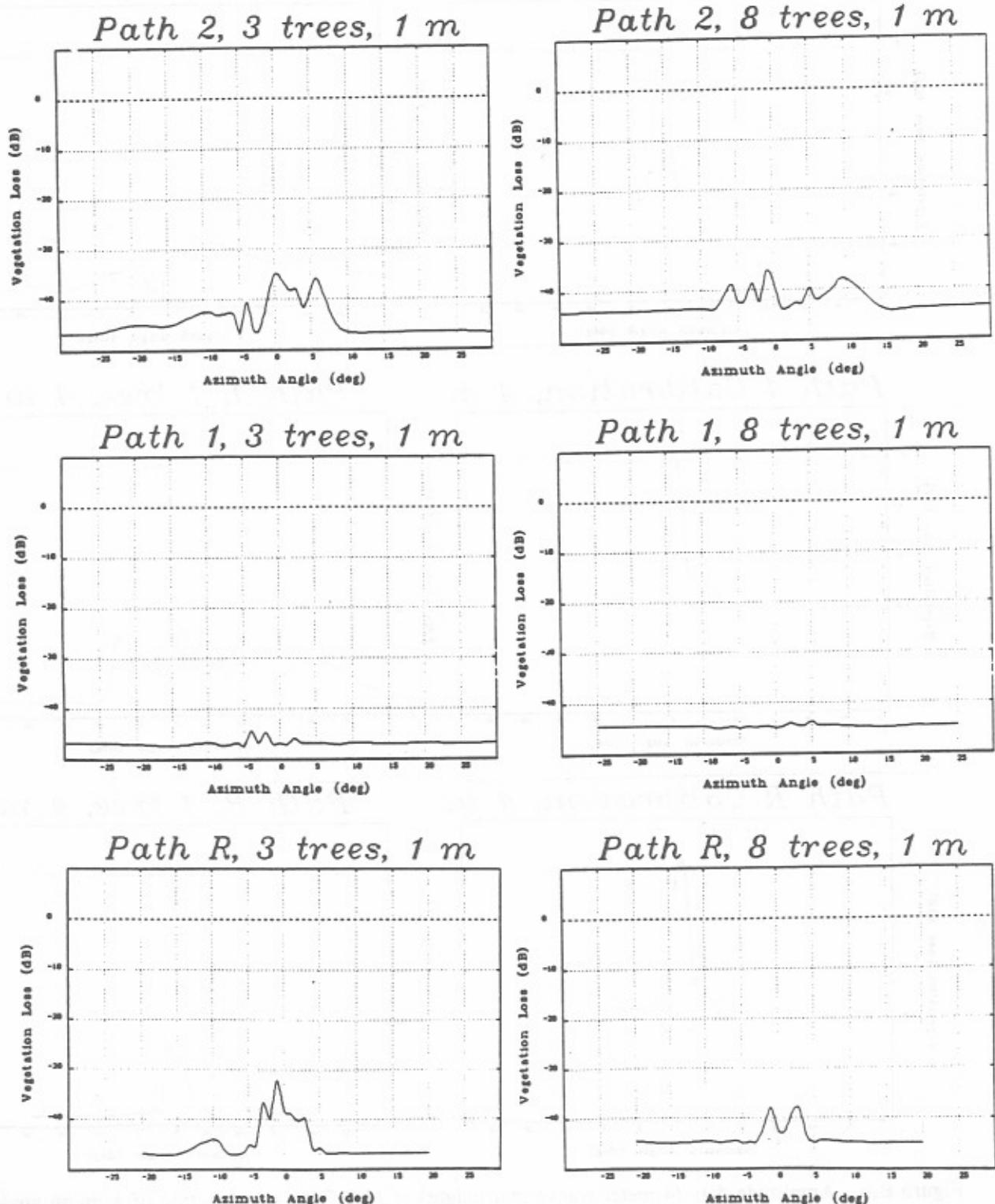
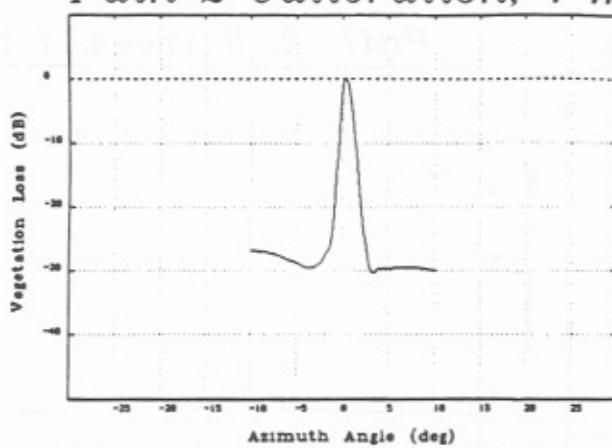
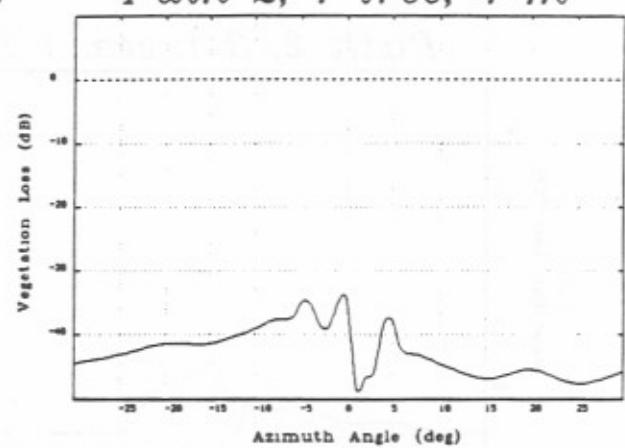


Figure B.5. (continued)

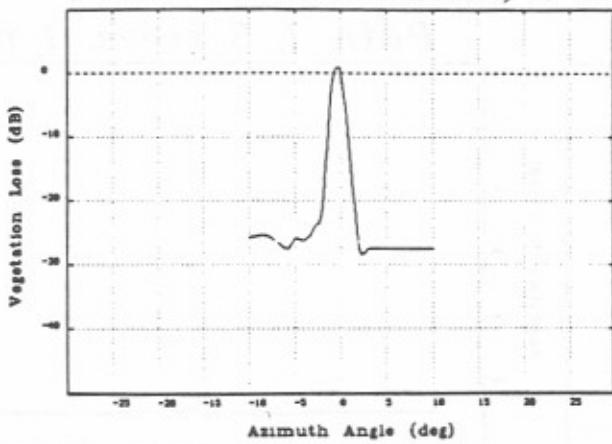
Path 2 Calibration, 4 m



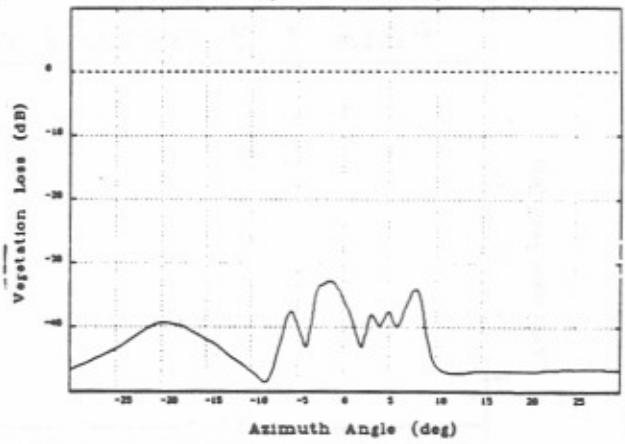
Path 2, 1 tree, 4 m



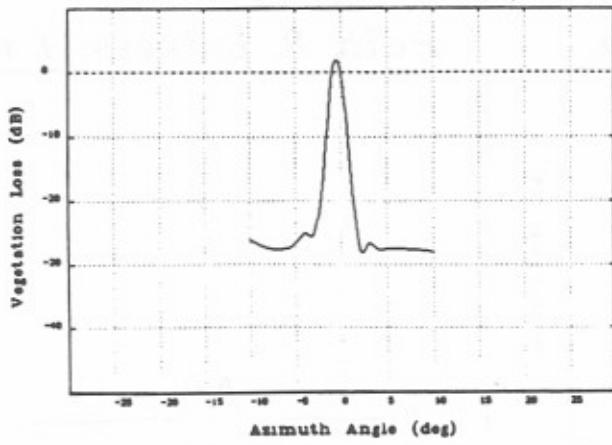
Path 1 Calibration, 4 m



Path 1, 1 tree, 4 m



Path R Calibration, 4 m



Path R, 1 tree, 4 m

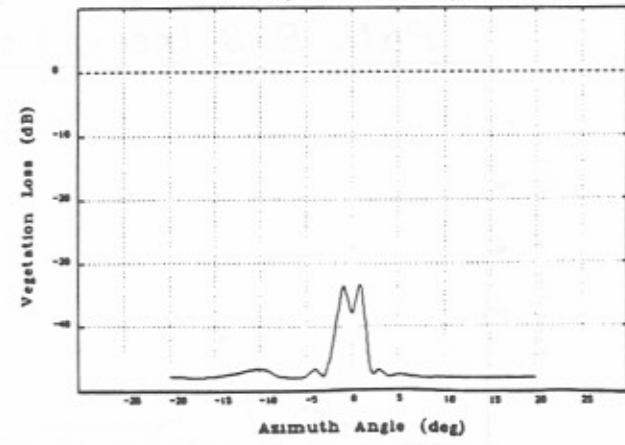
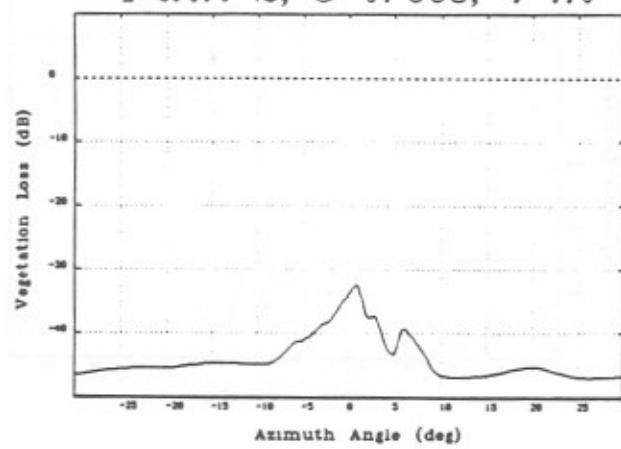
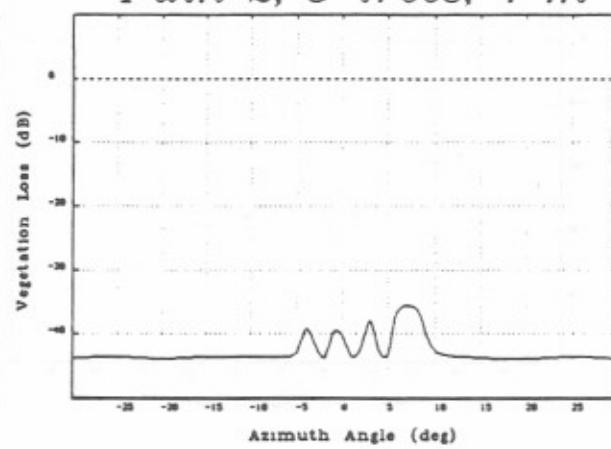


Figure B.6. Amplitude data (4 meter transmitter height) at 30.3 GHz as a function of azimuth angle (with leaves).

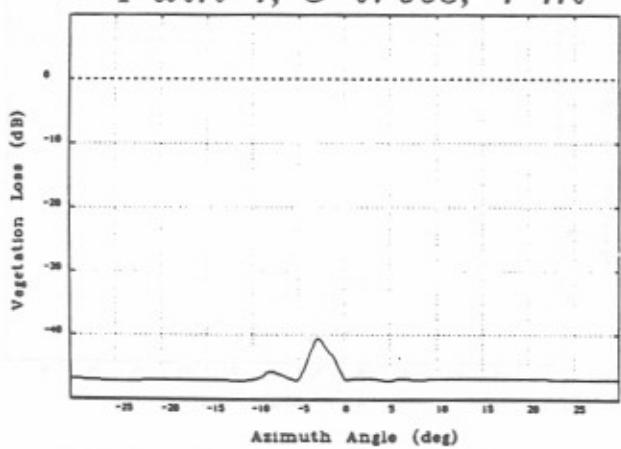
Path 2, 3 trees, 4 m



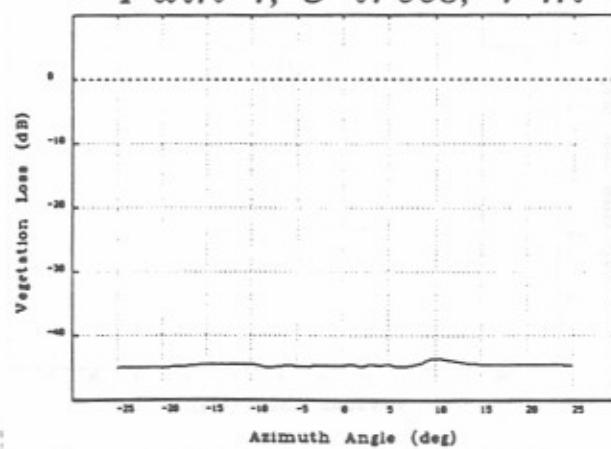
Path 2, 8 trees, 4 m



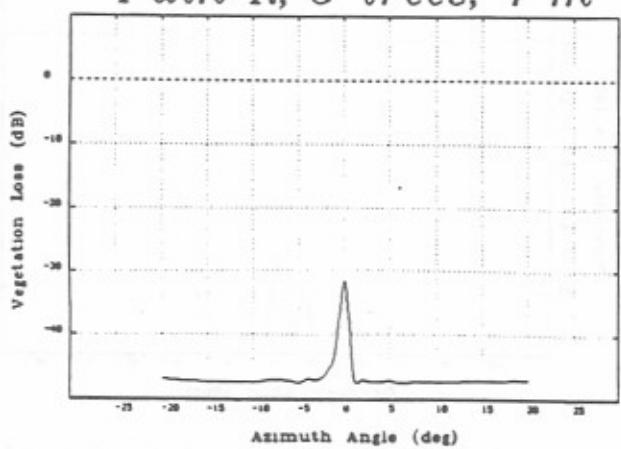
Path 1, 3 trees, 4 m



Path 1, 8 trees, 4 m



Path R, 3 trees, 4 m



Path R, 8 trees, 4 m

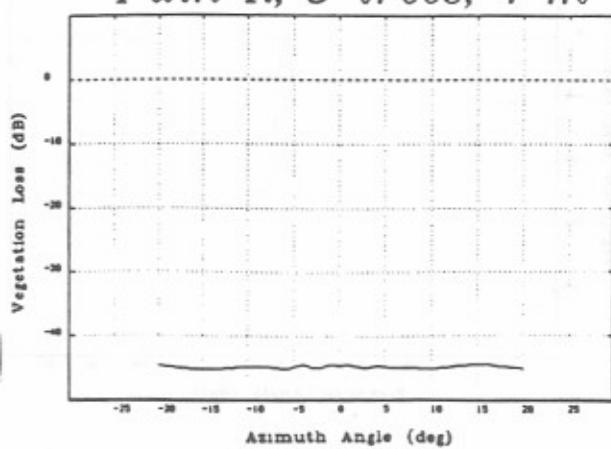
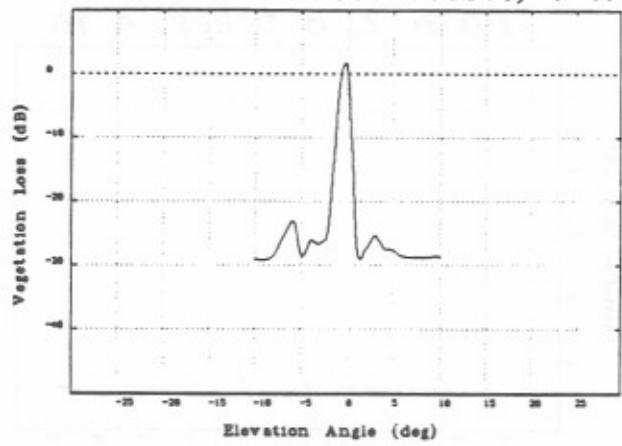
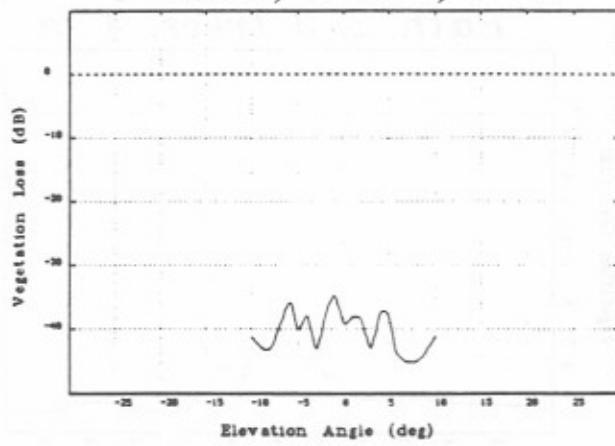


Figure B.6. (continued)

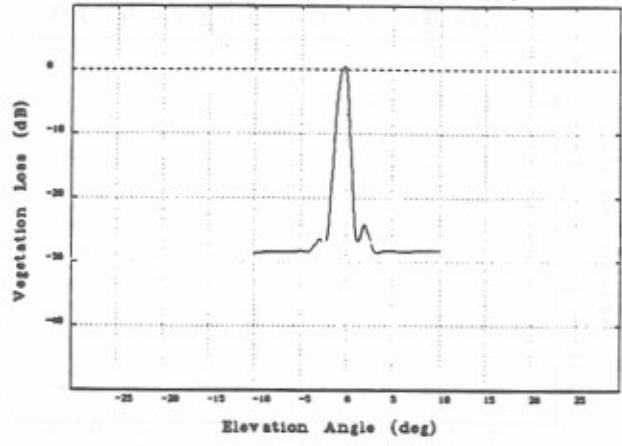
Path 2 Calibration, 1 m



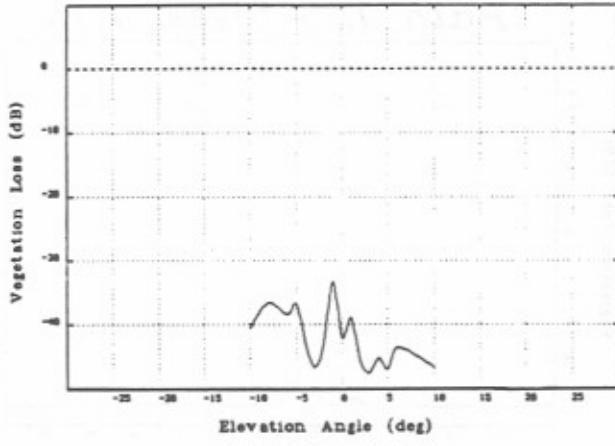
Path 2, 1 tree, 1 m



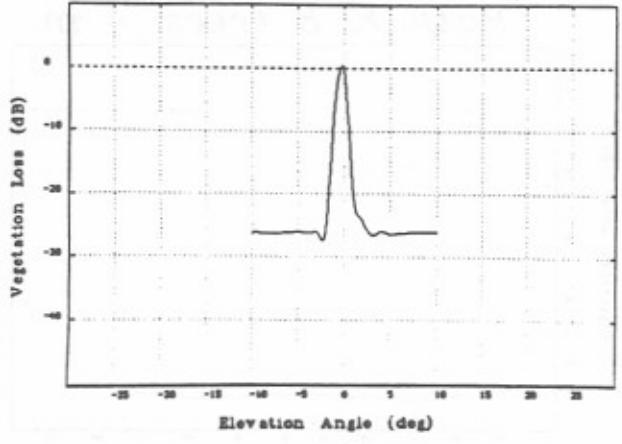
Path 1 Calibration, 1 m



Path 1, 1 tree, 1 m



Path R Calibration, 1 m



Path R, 1 tree, 1 m

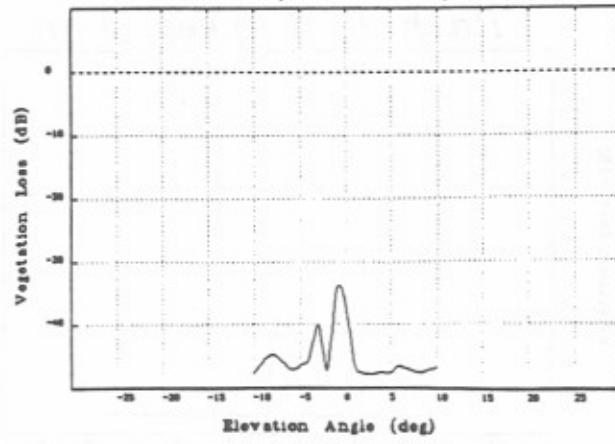
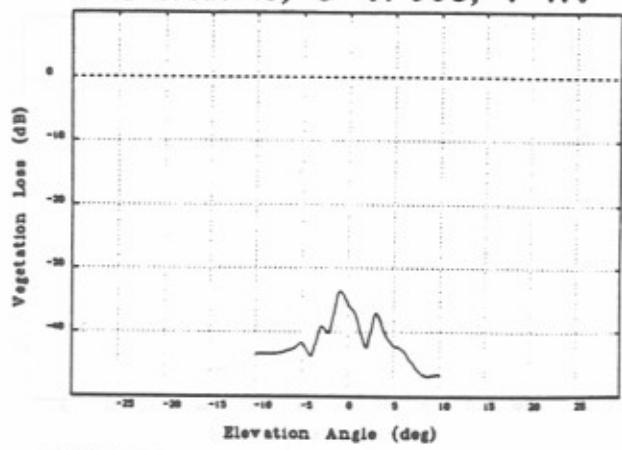
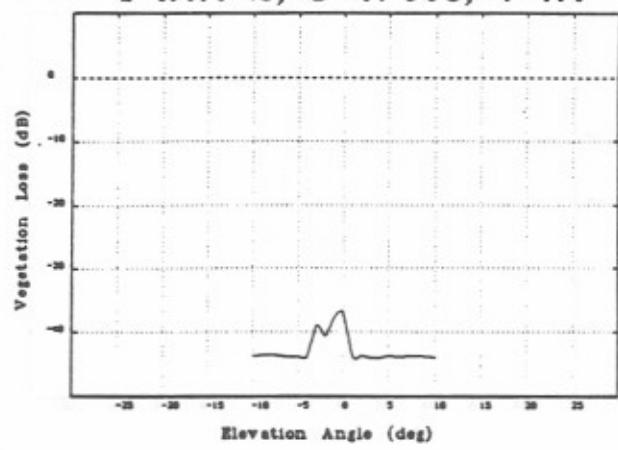


Figure B.7. Amplitude data (1 meter transmitter height) at 30.3 GHz as a function of elevation angle (with leaves).

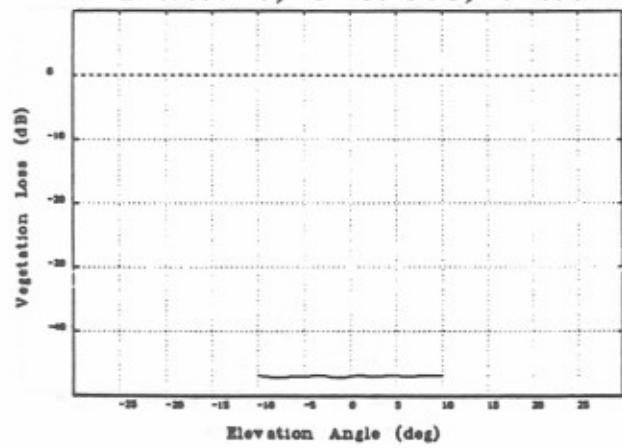
Path 2, 3 trees, 1 m



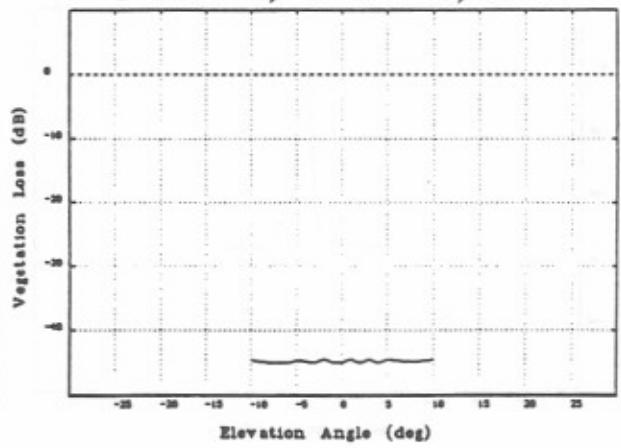
Path 2, 8 trees, 1 m



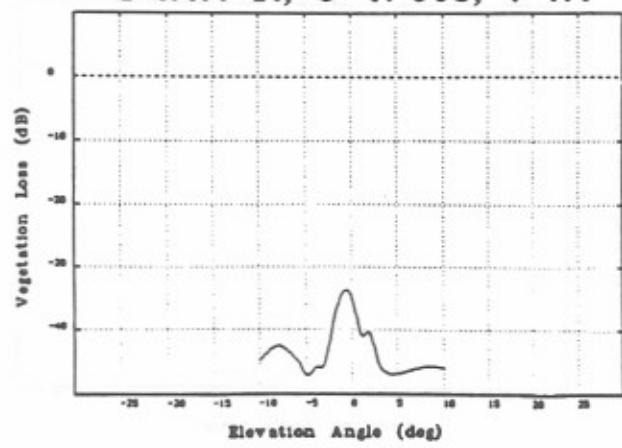
Path 1, 3 trees, 1 m



Path 1, 8 trees, 1 m



Path R, 3 trees, 1 m



Path R, 8 trees, 1 m

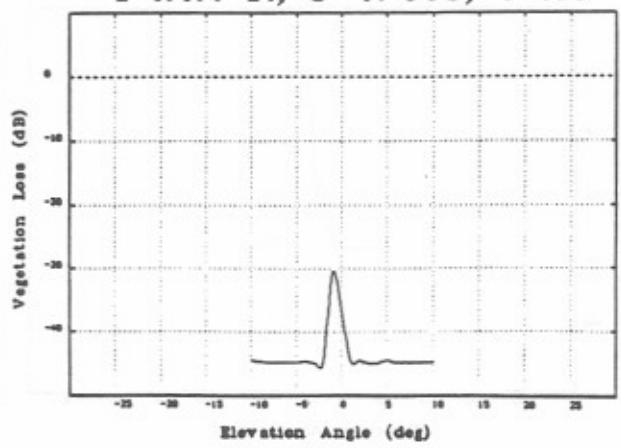


Figure B.7. (continued)

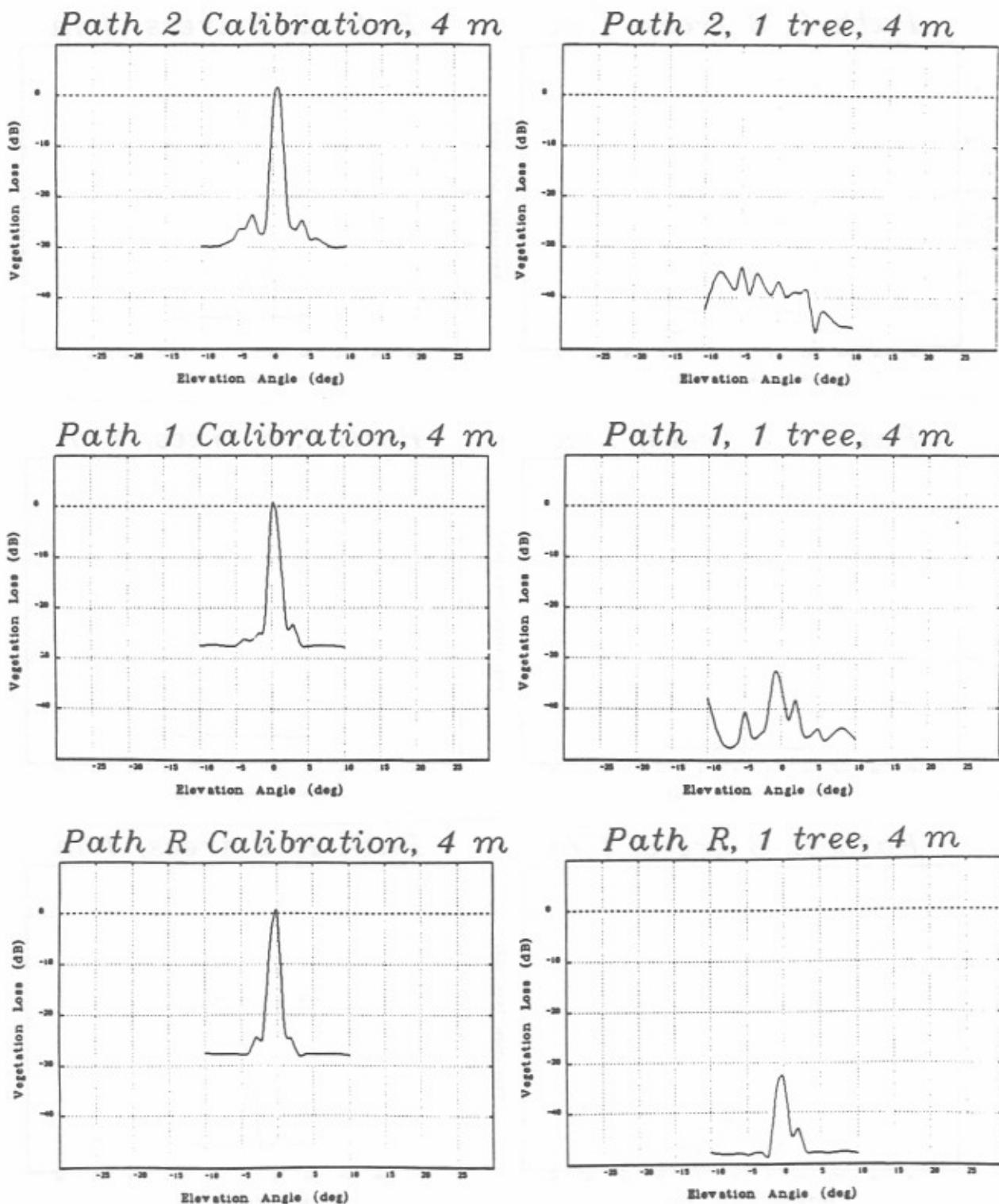
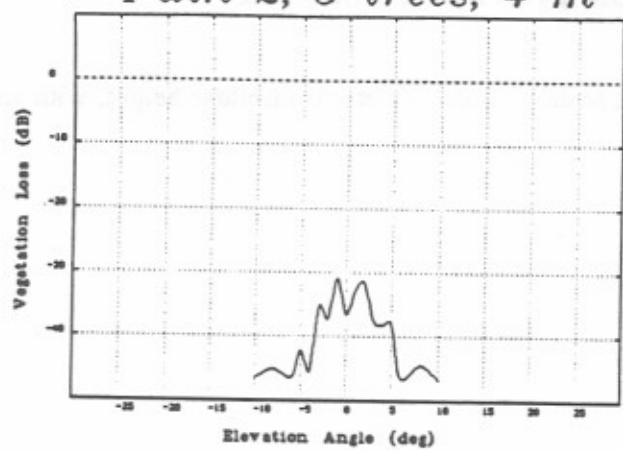
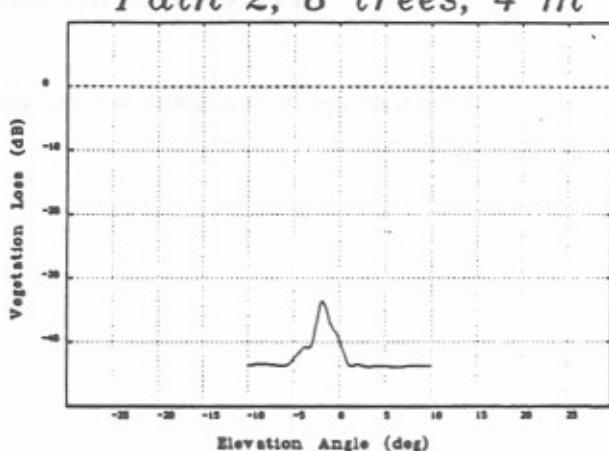


Figure B.8. Amplitude data (4 meter transmitter height) at 30.3 GHz as a function of elevation angle (with leaves).

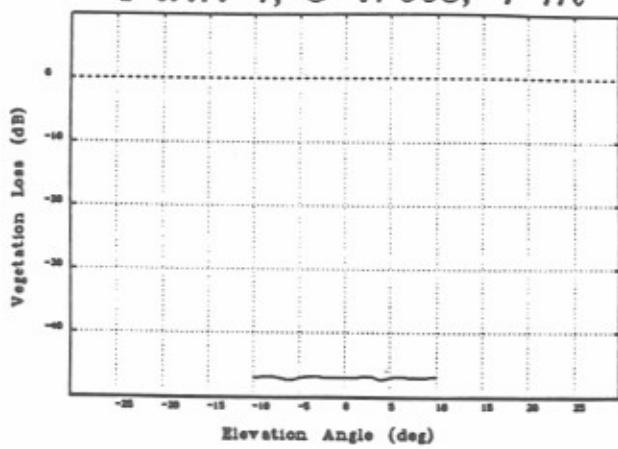
Path 2, 3 trees, 4 m



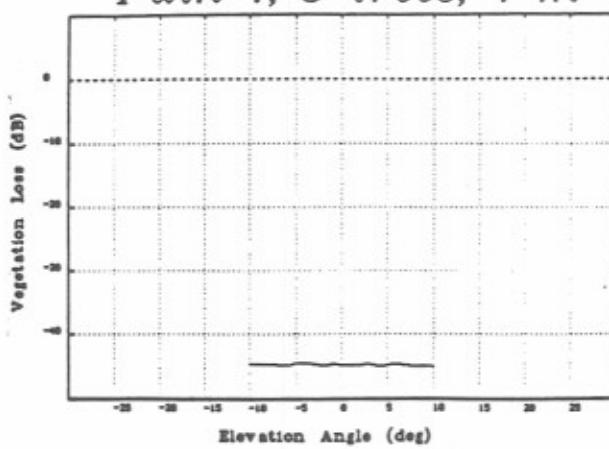
Path 2, 8 trees, 4 m



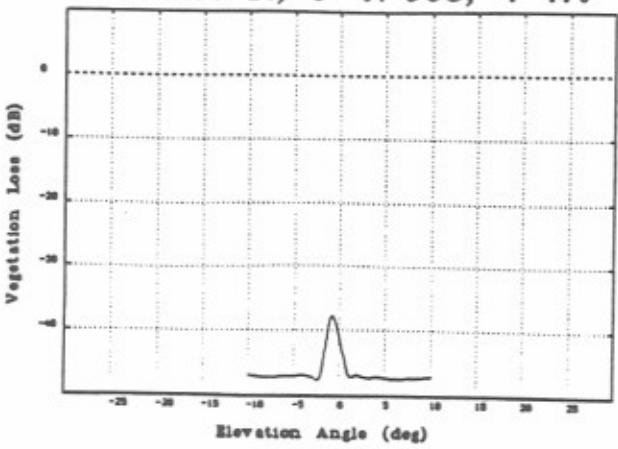
Path 1, 3 trees, 4 m



Path 1, 8 trees, 4 m



Path R, 3 trees, 4 m



Path R, 8 trees, 4 m

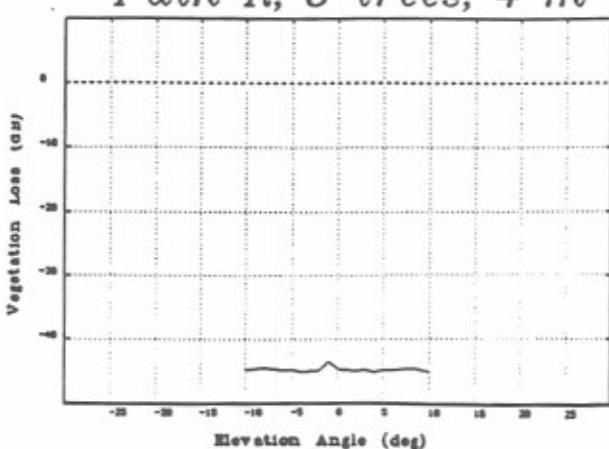


Figure B.8. (continued)